

Title (en)

AIR PRESSURE SENSOR FOR IMPACT DETECTION

Title (de)

LUFTDRUCKSENSOR ZUR AUFPRALLERKENNUNG

Title (fr)

CAPTEUR DE PRESSION D'AIR POUR DÉTECTER UNE COLLISION

Publication

EP 2281183 A1 20110209 (DE)

Application

EP 09734502 A 20090226

Priority

- EP 2009052248 W 20090226
- DE 102008001393 A 20080425

Abstract (en)

[origin: US2011094305A1] An air pressure sensor (100) for impact recognition is provided, having a chamber (R), and a sensor element (S) for generating a signal as a function of the air pressure being situated in the chamber (R). The chamber (R) is sealed off by a pressure compensation element (M, MV). The pressure compensation element (M, MV) is designed in such a way that penetration of interfering substances into the chamber (R) is prevented. However, transmission of pressure into the chamber (R) from the outside is possible.

IPC 8 full level

G01L 9/00 (2006.01)

CPC (source: EP US)

G01L 19/0645 (2013.01 - EP US); **B60R 21/0136** (2013.01 - EP US)

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See references of WO 2009130076A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

US 2011094305 A1 20110428; **US 8544333 B2 20131001**; AT E540301 T1 20120115; CN 102016529 A 20110413; DE 102008001393 A1 20091029; EP 2281183 A1 20110209; EP 2281183 B1 20120104; ES 2376187 T3 20120309; WO 2009130076 A1 20091029

DOCDB simple family (application)

US 73649709 A 20090226; AT 09734502 T 20090226; CN 200980114737 A 20090226; DE 102008001393 A 20080425; EP 09734502 A 20090226; EP 2009052248 W 20090226; ES 09734502 T 20090226